

B121260

Work Order ID 121260

\*121260\*

Page 1

June-20-14 7:08:44 AM

Item ID: D4427-1

Accept

\*N900040100\*

Setup Start \*NS1\*

Revision ID:

Stop \*NS2\*

Item Name: Scuff Plate

Start Date: 6/20/14 Start Qty: 20.00

\*20\*

Cust Item ID:

Required Date: 7/04/14 Req'd Qty: 20.00

\*20\*

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start \*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop \*NR2\*

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D4427

A

100

0.00

\*100\*

Purchasing

Memo

0.00

Purchasing

Issue P/O: 24705

Make as per Dwg D4427

Possible Supplier: G.F.Y.

Material release note is required

CL 14106/20 20

110

Receive &amp; Inspect for Damage &amp; Mat'l Certs

0.00

\*110\*

Packaging

Memo

0.00

Packaging

P 14/8/01 (20)

120

QC6- Inspect dimensions to drawing

0.00

\*120\*

QC

Memo

0.00

Quality Control

20

DAS  
38  
9-89

74-9-4

# Work Order ID 121260

June-20-14 7:08:44 AM

**\*121260\***

Page 2

Item ID: D4427-1      Accept      **\*N900040100\***      Setup Start **\*NS1\***  
Revision ID:      Stop **\*NS2\***  
Item Name: Scuff Plate  
Start Date: 6/20/14      Start Qty: 20.00      **\*20\***      Cust Item ID:  
Required Date: 7/04/14      Req'd Qty: 20.00      **\*20\***      Customer:  
Reference:

Approvals:      Process Plan:      Date:      Tooling:      Date:      Run Start **\*NR1\***  
QC:      Date:      SPC (Y/N):      Date:      Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: _____	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging	ST229A								
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

DAS  
32  
9-89

14/9/9      (20)

MLJ 14-09-05

MLJ 14-09-05

# Picklist Print

June-20-14 7:08:43 AM

Page 1

Work Order ID: 121260

**\*121260\***

Parent Item: D4427-1

**\*D4427-1\***

Parent Item Name: Scuff Plate

Start Date: 6/20/14

Required Date: 7/04/14

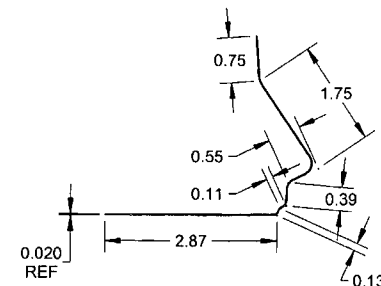
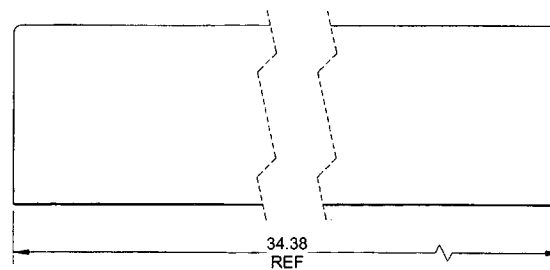
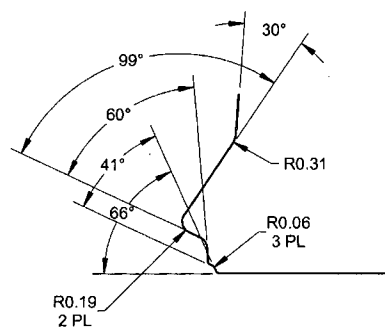
Start Qty: 20.00

Required Qty: 20.00

Comments: IPP REV:A 11.09.26 NEW ISUUE DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4427-1P		Purchased		No		110	Each	0.0000	1	20			
<b>*D4427-1P*</b>									<b>**</b>				
Scuff Plate													

*Pg 1 of 1* *(62)*



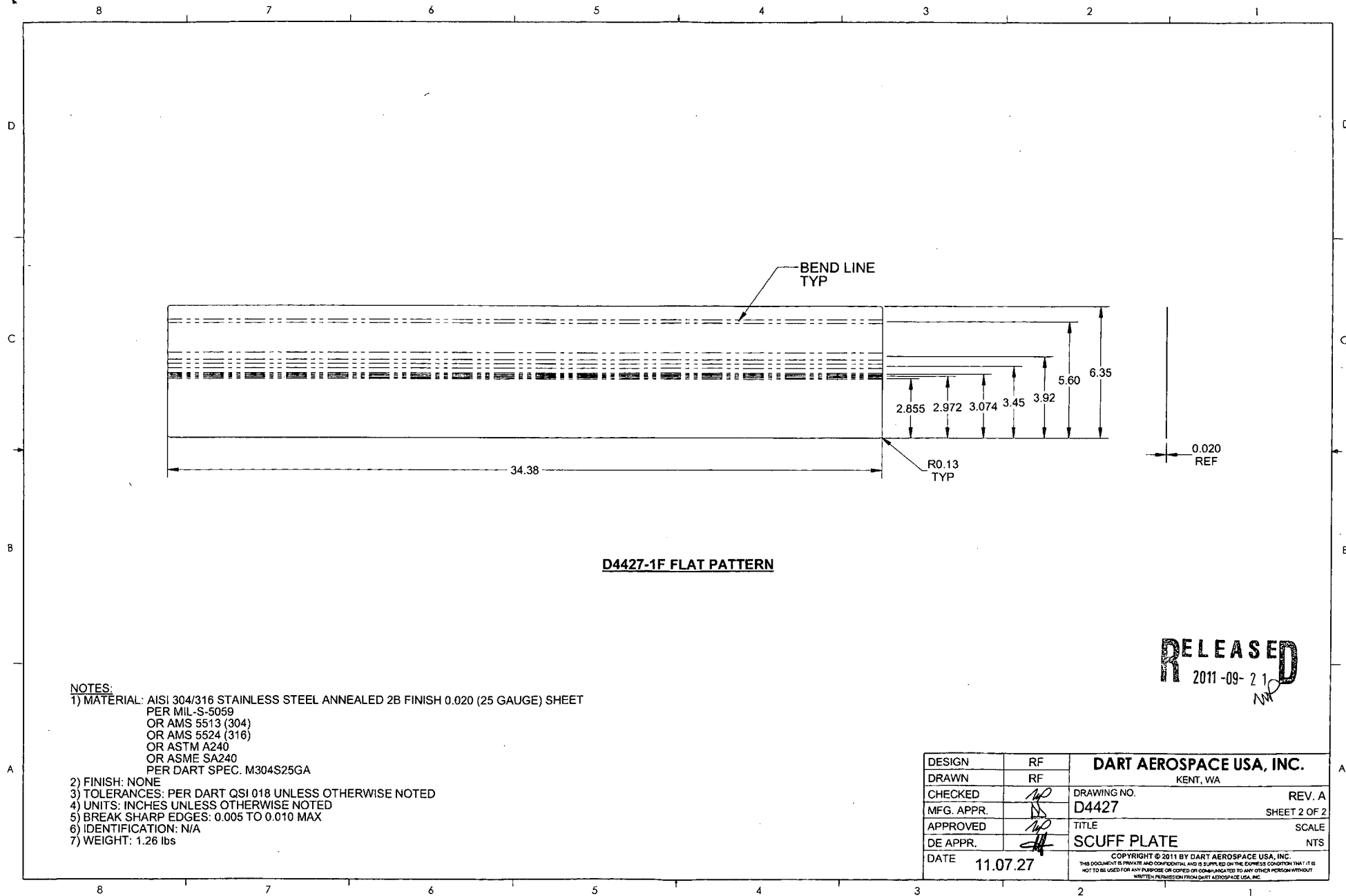
**D4427-1 SCUFF PLATE**

*110,2060*

**RELEASED**  
2011-09-21  
*MD*

- NOTES:**
- 1) MATERIAL: MAKE FROM D4427-1F FLAT PATTERN
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
  - 7) WEIGHT: 1.26 lbs

DESIGN	RF	<b>DART AEROSPACE USA, INC.</b>	
DRAWN	RF	KENT, WA	
CHECKED	<i>110</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>110</i>	D4427	SHEET 1 OF 2
APPROVED	<i>110</i>	TITLE	SCALE
DE APPR.	<i>110</i>	SCUFF PLATE	NTS
DATE	11.07.27	<small>COPYRIGHT © 2011 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	



**D4427-1F FLAT PATTERN**

**NOTES:**

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL ANNEALED 2B FINISH 0.020 (25 GAUGE) SHEET  
 PER MIL-S-5059  
 OR AMS 5513 (304)  
 OR AMS 5524 (316)  
 OR ASTM A240  
 OR ASME SA240  
 PER DART SPEC. M304S25GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.26 lbs

**RELEASED**  
 2011-09-21  
 AM

DESIGN	RF	<b>DART AEROSPACE USA, INC.</b>	
DRAWN	RF	KENT, WA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	<b>D4427</b>	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	<b>SCUFF PLATE</b>	NTS
DATE	11.07.27	<small>COPYRIGHT © 2011 BY DART AEROSPACE USA, INC.          THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS          NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMPLAINTED TO ANY OTHER PERSON WITHOUT          WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.</small>	



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO24705**

Purchase Order Date 6/20/2014

PO Print Date 6/20/2014

Page Number 1 of 2

From : VC-GFI001  
1  
0 AVENUE LABROSSE  
MTE CLAIRE, QC H9R 1A1  
A

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**

Contact Name  
Vendor Phone 514 630 4877  
Buyer  
Customer POID  
Customer Tax #  
Terms  
Currency  
FOB  
FCA - (Free Carrier)

Buyer Chantal Lavoie  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB  
FCA - (Free Carrier)

Reference	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
Vendor Part Number						
Line Comments		Promise Date				
Delivery Comments						
427-1P	Scuff Plate	7/14/2014 Yes 7/14/2014		20.00 Each	\$71.00	\$1,420.00
; PER DWG D4427-1 REV. A .21260						

Line Total: \$1,420.00

401-45	PROCUREMENT QUALITY CLAUSES	7/14/2014 No 7/14/2014		1.00	\$0.00	\$0.00
PROCUREMENT QUALITY CLAUSES 05 RIGHT OF ENTRY 08 FIRST ARTICLE INSPECTION (FAI) BY SELLER, DOCUMENTATION SENT TO DART AEROSPACE) 12 CHEMICAL AND PHYSICAL TEST REPORTS 16 PERSONNEL QUALIFICATION 17 RAW MATERIAL IDENTIFICATION (AS APPLICABLE) 26 CERTIFICATION OF MATERIAL CONFORMANCE 41 QUALITY MANAGEMENT SYSTEM 42 DART NOTIFICATION BY SUPPLIER 43 RETENTION OF QUALITY DOCUMENT						

Note:

6/20/2014



180 AVENUE LABROSSE  
POINTE-CLAIRE, QC, CANADA H9R 1A1  
TÉL.:(514) 630-4877 - FAX:(514) 630-4849

GFI est une division de Thomas & Betts Limitée / GFI is a division of Thomas & Betts Limited



# BON DE LIVRAISON / SHIPPING MEMO

DATE DE LIVRAISON / SHIPPING DATE			N° DE BON DE LIVRAISON / SHIPPING MEMO NO		PAGE
JR - DY	MO - MO	AN - YR			
30	07	14	0541782		1/1




VENDU À / SOLD TO

EXPÉDIÉ À / SHIP TO

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON  
K6A 1K7

DART AEROSPACE LTD  
1270 ABERDEEN ST.  
HAWKESBURY, ON  
K6A 1K7

CODE DE CLIENT / CUSTOMER CODE	N° DE CONTRAT / JOB NO	VOTRE N° DE COMMANDE / YOUR PURCHASE ORDER NO	EXPÉDIÉ PAR / SHIP VIA
DART GFI-0299	0288777	PO24705	

QUANTITE QUANTITY	N° DE PIÈCE PART NO	DESCRIPTION
20	D4427-1P	SCUFF PLATE  ITEM 1 C OF C REQ'D
MFG. JOB# J0288777-001 QTY 20		 07.31.2014
DUE DATE: July. 31. 2014		

EXPÉDITEUR / SHIPPER

REÇU PAR / RECEIVED BY

DATE

TOUTES LES RÉCLAMATIONS DOIVENT ÊTRE FAITES EN DEDANS DE 5 JOURS DE LA RÉCEPTION.  
ALL CLAIMS MUST BE MADE WITHIN 5 DAYS OF RECEIPT OF GOODS.

# CERTIFICATE OF COMPLIANCE CERTIFICAT DE CONFORMITE



Membre de / A Member of **Thomas&Betts**

180 LABROSSE AVENUE  
POINTE CLAIRE, QC  
H9R 1A1

**DART AEROSPACE LTD**  
1270 ABERDEEN ST.  
HAWKESBURY, ON K6A 1K7

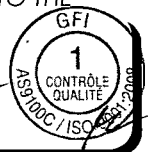
CERTIFICATE NO.	<u>8</u>	OUR JOB NO	<u>J0288777</u>	SHIPPING MEMO	<u>0541782</u>	
ITEM	QUANTITY	PURCHASE ORDER	PART NUMBER	REV	NAME	DWG ISSUE
<u>1</u>	<u>20 PCS</u>	<u>PO24705</u>	<u>D4427-1P</u>	<u>A</u>	<u>SCUFF PLATE</u>	<u>A</u>
MATERIAL		SUPPLIED BY		MAT. REL. NO.		
<u>.020 THK 304 A</u> <u>AMS 5513</u>		<u>TW METALS / NORTH AMERICAN</u>		<u>L8Y8</u>		
PROCESS			PROCESSOR		RELEASE NOTE #	
1	<u>FIRST ARTICLE INSPECTION REPORT ON FILE</u>			<u>GFI</u>	<u>N/A</u>	
2	<u>REF. GFI MANUFACTURING JOB NUMBER J0288777-001 (20 PCS)</u>					
3						
4						
5						
6						
7						
8						
9						

WE HEREBY CERTIFY ALL THE PARTS COVERED BY THIS CERTIFICATE HAVE BEEN MANUFACTURED FROM MATERIAL SUPPLIED ON RELEASE NOTE SHOWN ABOVE AND THAT ALL PARTS HAVE BEEN INDIVIDUALLY INSPECTED AND CONFORM TO THE DRAWINGS AND PURCHASE ORDER REFERENCED ABOVE.

DATE 31 JULY 2014

G.F.I. Q.C. REP.

*Ben Lasser*







**TW METALS**

O'Neal High-Performance  
Metals Group

### CERTIFICATIONS

#### FRAUD AND FALSIFICATION STATEMENT

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under statutes including federal law. Title 18 chapter 47.

#### CERTIFICATE OF COMPLIANCE

This certificate of compliance certifies that the material supplied on the purchase order number below complies in all respects with the material description and procurement specifications.

#### MERCURY FREE STATEMENT

TW Metals certifies that the supplies furnished under this contract contain no metallic mercury or mercury compounds, and have not come in contact with mercury or alpha bearing instruments while in the possession of TW Metals Inc.

Customer Name: GFI, Inc

Purchase Order No.: 0084522

Item number: 0001

Shipper/Invoice No.: 12100067

Material: 304

Manufacturing Mill: NA-8

Specification: AMS 5513

Heat / Lot No. L8Y8

Size: 020

Quantity: 2pc

Signature: Jane Clark

Date: 7/31/14





**NORTH AMERICAN  
STAINLESS**

# METALLURGICAL TEST REPORT

6870 Highway 42 East  
Ghent, KY 41045-9615  
(502) 347-6000

Certificate: 935538 01

Mail To:

Ship To:

Date: 4/03/2014 Page: 1

Customer: 0018 001

UNITED PERFORMANCE METALS  
3475 SYMMES ROAD  
HAMILTON, OH 45015

UNITED PERFORMANCE METALS  
3475 SYMMES ROAD  
HAMILTON, OH 45015

Steel: 302/304/304L

Finish: 2B

Your Order: 01023991

NAS Order: AN 0605562 01

Corrosion: ASTM A262/10;180Bend-OK

## PRODUCT DESCRIPTION:

S/S COIL, C.R. ANNEALED & PICKLED; UNS 30400/30403/30200  
ASTM A240/13a, A480/13, A666/10; ASME SA240/13, SA480/13, SA666/13  
CHEM ONLY ON FOLLOWING ASTM: A276/13, A479/13a, A484/13a, A312/13  
CHEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13  
AMS 5511H/5513J/5516F XMRK; MIL-S-5059D AMD3(X CRN MEAS); MIL-4043B  
NACE MR0175/ISO 15156-3:2003 A, MR0103/07; QQ8766D-A X MAG PERM  
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

## REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.  
EN 10204:2004 3.1; RoHS 1 & 2 Compliant  
Material is Free of Radioactive Contamination  
NAS Steel Making Process: EAF, AOD, & Cont. Casting  
Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001  
\*Melted & Manufactured in the USA; Mat'l is DFARS Compliant

UNITED PERFORMANCE METALS

This is to certify that in accordance with the records in our files the material shipped on your purchase order conforms to the following.

Size: 48 X 120

P.O.: D12016977

Part#: NORTH AMERICAN

STAINLESS

Sales #: 01233569

Quantity: 2

Description: 304/304L ANN .018-.022 AMS5512/5511

Customer: GFI, Incorporated

Shipped: 07/22/2014

Heat: L8Y8

Product ID	Supplier ID	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
09L8Y8 A	* 09L8Y8	.0200	48.0000	13,360	COIL	4069.2	11	1

## CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Chemical analysis per ASTM A751/08

HEAT Supplier#	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
L8Y8 L8Y8	US	.0231	18.0475	.3325	1.8110	.2575	.0806	8.1415	.0310	.0010
Lab Check:		.0206	18.0440	.3800	1.7390	.2620	.0832	7.9260	.0300	.0029
		SI %								
		.2940								
Lab Check:		.2240								

## MECHANICAL PROPERTIES

Product Id	Supplier Id	1 d o i c r	UTS KSI	.2% YS KSI	ELONG %-2"	Tail Hard	Grain No.	D Fer F.N.	Hard R R45T
09L8Y8 A	09L8Y8	F T	96.54	50.72	53.21	53.50	11.00	2.38	52.50

REVIEWED/APPROVED BY UPM QC

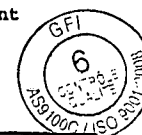
SPECS: AMS 5511H, 5513J, 5516F  
ASTM-A 240-13a  
BY: PI DATE: 4-10-14 TOTAL PAGES: 1

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical  
Dept. Mgr.

ERIC HESS

4/03/2014



## Michael Gregoire

---

**From:** Pedro Mendez <pedro.mendez@tnb.com>  
**Sent:** Wednesday, September 03, 2014 3:43 PM  
**To:** Michael Gregoire  
**Cc:** Dalton Harold  
**Subject:** Re: PO24705

Hi Michael FAI was verify by the Jig and the printing profile , for the next time we will issue at dimensional FAI

Regards

**Pedro Mendez**  
*Technical Sales Representative*  
**Thomas & Betts Limited - GFI Division**  
180 Avenue Labrosse, Pointe-Claire  
Quebec, Canada H9R 1A

☎ (514) 630-4877- EXT 228  
📠 (514) 630-4849  
Email: [pedro.mendez@tnb.com](mailto:pedro.mendez@tnb.com)

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<http://disclaimers.tnb.com/disclaimer/email/>

On Wed, Sep 3, 2014 at 11:43 AM, Michael Gregoire <[mgregoire@dartaero.com](mailto:mgregoire@dartaero.com)> wrote:

Item# D4427-1P Scuff Plate

Hello Pedro,

Can we get a copy of the FAI for this item?

Regards,

Mike

Regards,

Mike Gregoire

Dart Aerospace

Tel:613-632-3336

Fax:613-632-5246

<http://disclaimers.tnb.com/disclaimer/email/>